TECHNICAL DATA SHEET

DESCRIPTION TSA AIRCHECK® 4W- IRR 4 X WRAP VHP, 90MM PLATES
SGL PRODUCT CODE 5406

Tryptone Soya Agar (TSA) Aircheck® also known as casein soya bean digest agar is a medium primarily designed to recover a wide range of micro-organisms. The base formulation is described in the European Pharmacopoeia (EP) 2.6.12 and United States Pharmacopeia (USP) <61>. The 90mm diameter plates are quadruple wrapped and irradiated to ensure sterility and intended for use in cleanroom environments.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	15.0 g
Papaic digest of soya bean	5.0 g
Sodium chloride	5.0 g
Agar	15.0 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured gel
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 30-35°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
Staphylococcus aureus ATCC 6538 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
Pseudomonas aeruginosa ATCC 9027 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
Bacillus subtilis ATCC 6633 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C incubation after not more than 3 days
Candida albicans ATCC 10231 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C incubation after not more than 5 days
Aspergillus brasiliensis ATCC 16404 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C incubation after not more than 5 days

NMT = Not more than
NLT = Not less than
CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824).